

# Sensors for Environmental Monitoring, Identification, and Assessment

Part of the Advances in Environmental Engineering and Green Technologies Book Series

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## Description:

In our world today, the pervasive threat of air, water, and soil contaminants has reached unprecedented levels, pushing ecosystems to the brink and causing harm to individuals worldwide. Despite numerous attempts by scholars to mitigate this crisis, we find ourselves in the infancy of understanding and combatting these pollutants. The lack of awareness among researchers regarding the types and extent of damage caused by contaminants further exacerbates the problem. This environmental dilemma calls for a transformative solution that not only identifies pollutants but also guides sustainable efforts to cleanse our vital ecosystems.

**Sensors for Environmental Monitoring, Identification, and Assessment** is a groundbreaking book designed to revolutionize environmental research and provide a roadmap for tackling pollution head-on. This comprehensive guide is poised to make a significant impact on scholars, environmentalists, planners, researchers, industrialists, and academics globally. By delving into the diverse realms of environmental sensors, the book equips readers with the knowledge and tools necessary to identify pollutants in varied ecosystems and adopt sustainable approaches for cleanup. Its recommended topics cover critical areas such as indoor pollution, noise pollution, advancements in sensor technology, and the detection of pollutants in soil, water, air, and oceans.

For environmentalists, researchers, and students alike, this book serves as a beacon of knowledge, sparking new avenues of inquiry and inspiring a collective commitment to address the pressing environmental challenges we face. **Sensors for Environmental Monitoring, Identification, and Assessment** is not just a book; it is a call to action, offering a transformative solution that will guide us toward a cleaner, healthier, and more sustainable future for our planet.

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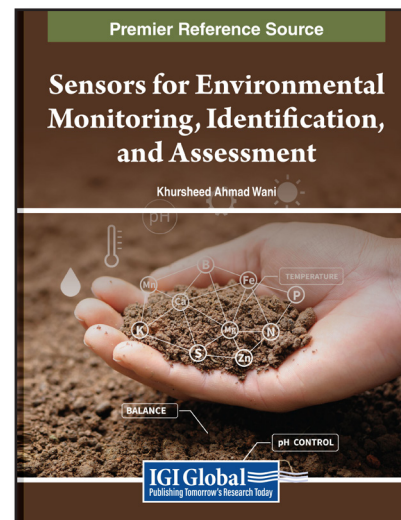
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